

Peak District National Park

Forecast valid from 06:00 on Wednesday 01 Sep 2021 until 23:59 on Thursday 02 Sep 2021

Forecast Issued on Wednesday 01 Sep 2021 at 03:39

Confidence: High for dry and settled conditions to persist throughout the remainder of the week. Lower confidence regarding cloud details and the extent of any overnight low cloud and fog. Low confidence in the timing of the change to a more unsettled, wetter and windier spell of weather this weekend.

Headline for Wednesday 01 Sep 2021: Mostly dry but cloudy throughout the day. Eastern summits often obscured

Mountain weather hazards on Wednesday 01 Sep 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Dull	Dull	Dull	Cloudy	Cloudy	Dull
Precipitation probability					
20%	20%	10%	<05%	<05%	<05%

Forecast for Wednesday 01 Sep 2021

Weather: An often cloudy day, especially during the morning, with a few outbreaks of drizzle. Brighter periods are possible by the afternoon, more especially in the west, however any sunny intervals are likely to remain limited.

Chance of cloud free mountain/hill tops above 600m: 10% increasing to 30% by the afternoon.

Visibility: Poor or very poor in some areas first thing with periods of cloud above 300m, mainly in the east. This will lift to become periods of cloud above 500m by the afternoon. Below the cloud, visibilities will be very good except during drizzly outbreaks during the morning when they are likely to be poor to moderate.

Forecast for Wednesday 01 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/21 NE	17/22 NE	16/22 NE	17/24 NE	17/24 NE	19/25 NE	18/25 NE
300	10/12 N	13/18 NE	12/17 NE	13/19 NE	13/19 NE	13/19 NE	11/17 NE
Valley	5/13 N	9/18 NE	9/18 NE	10/20 NE	9/19 NE	8/18 NE	7/16 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/6	10/7	12/9	11/8	9/6	8/5
300	11/9	12/9	13/11	14/12	14/12	12/10	11/9
Valley	12/11	13/11	14/13	16/14	14/13	13/11	12/10
Freezing Level*	2900m	2900m	2800m	2700m	2700m	2600m	2600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A mostly cloudy day and a brisk north-easterly wind will make it feel cool at the summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 01 Sep 2021	0.6mm	0.8mm	1mm

Forecast for Thursday 02 Sep 2021

Weather: Cloud obscuring tops, with the odd spot of drizzle possible at first. These lifting with cloud breaking more readily than recent days, giving some good spells of sunshine, perhaps unbroken in the far west by the late afternoon. Cloud soon thickening again from the northeast.

Maximum wind: Easterly 15-20 mph with gusts of 25-30 mph.

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 80% by afternoon, falling to 60% during the evening.

Visibility: Poor or very poor in some areas first thing with periods of cloud above 300m, lowest in the east. This will lift to with patches of cloud above 600m by the afternoon, but some western hills clear. Otherwise visibilities will be very good.

Temperature: **Valleys:** Plus 11 Celsius, rising to Plus 19 Celsius
At 600m: Plus 9 Celsius, becoming Plus 12 Celsius.
Freezing level: Above the summits.